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Mini Tower Computer

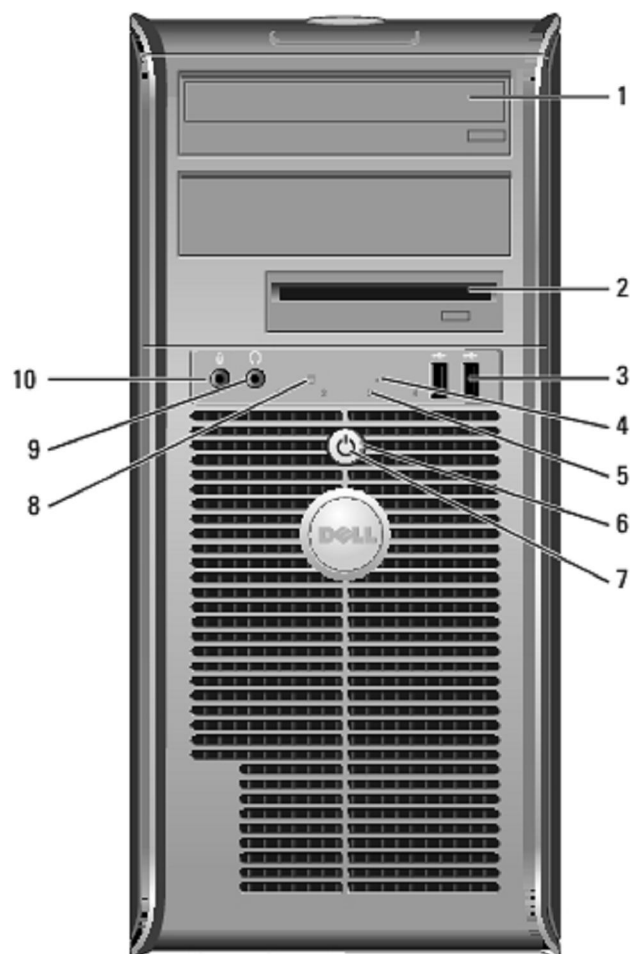
Dell™ OptiPlex™ GX620
User's Guide

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About Your Mini Tower Computer

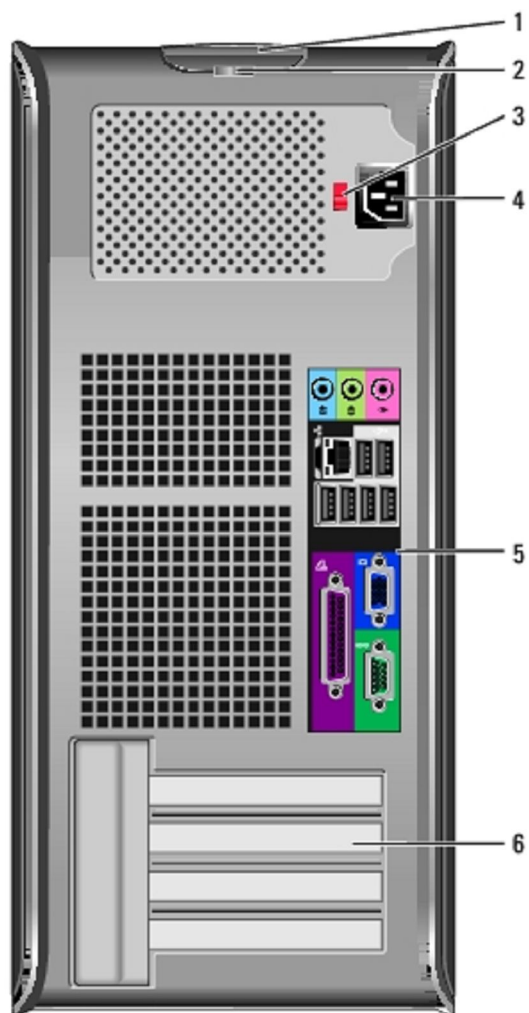
Front View



1	CD/DVD drive	Insert a CD or DVD (if applicable) into this drive.
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2	floppy drive	Insert a floppy disk into this drive.
3	USB 2.0 connectors (2)	<p>Use the front USB connectors for devices that you connect occasionally, such as joysticks or cameras, or for bootable USB devices (see "System Setup" for more information on booting to a USB device).</p> <p>It is recommended that you use the back USB connectors for devices that typically remain connected, such as printers and keyboards.</p>
4	LAN indicator light	This light indicates that a LAN (network) connection is established.
5	diagnostic lights	Use the lights to help you troubleshoot a computer problem based on the diagnostic code. For more information, see " Diagnostic Lights ."
6	power button	<p>Press this button to turn on the computer.</p> <p>NOTICE: To avoid losing data, do not turn off the computer by pressing the power button for 6 seconds or longer. Instead, perform an operating system shutdown.</p> <p>NOTICE: If your operating system has ACPI enabled, when you press the power button the computer will perform an operating system shutdown.</p>
7	power light	<p>The power light illuminates and blinks or remains solid to indicate different operating modes:</p> <ul style="list-style-type: none"> • No light — The computer is turned off. • Steady green — The computer is in a normal operating state. • Blinking green — The computer is in a power-saving mode. • Blinking or solid amber — See "Power Problems." <p>To exit from a power-saving mode, press the power button or use the keyboard or the mouse if it is configured as a wake device in the Windows Device Manager. For more information about sleep modes and exiting from a power-saving mode, see "Power Management."</p> <p>See "Diagnostic Lights" for a description of light codes that can help you troubleshoot problems with your computer.</p>
8	hard-drive activity light	This light will flicker when the hard drive is being accessed.
9	headphone connector	Use the headphone connector to attach headphones and most kinds of speakers.
10	microphone connector	Use the microphone connector to attach a microphone.

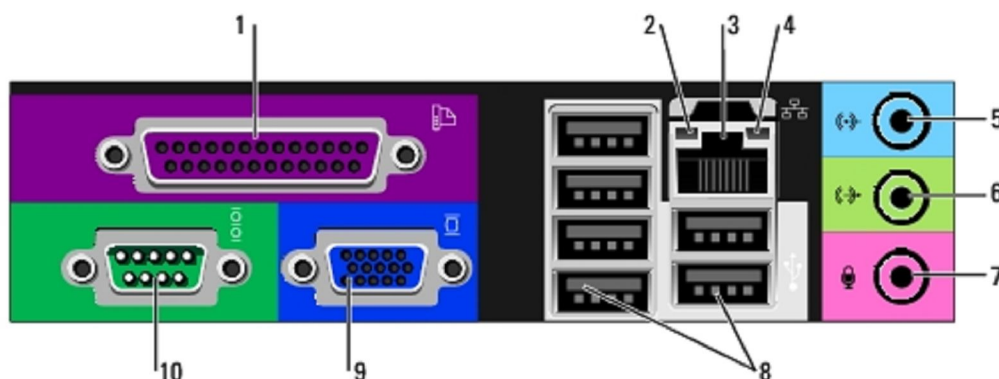
Back View



1	cover release latch	This latch allows you to open the computer cover.
2	padlock ring	Insert a padlock to lock the computer cover.
3	voltage selection switch	<p>Your computer is equipped with a manual voltage selection switch.</p> <p>To help avoid damaging a computer with a manual voltage selection switch, set the switch for the voltage that most closely matches the AC power available in your location.</p> <p>➡ NOTICE: The voltage selection switch must be set to the 115-V position even though the AC power available in Japan is 100 V.</p> <p>Also, ensure that your monitor and attached devices are electrically rated to operate with the AC power available in your location.</p>
4	power connector	Insert the power cable.
5	back-panel connectors	Plug serial, USB, and other devices into the appropriate connector.

6	card slots	Access connectors for any installed PCI and PCI Express cards.
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Back-Panel Connectors



1	parallel connector	<p>Connect a parallel device, such as a printer, to the parallel connector. If you have a USB printer, plug it into a USB connector.</p> <p>NOTE: The integrated parallel connector is automatically disabled if the computer detects an installed card containing a parallel connector configured to the same address. For more information, see "System Setup Options."</p>
2	link integrity light	<ul style="list-style-type: none"> • Green — A good connection exists between a 10-Mbps network and the computer. • Orange — A good connection exists between a 100-Mbps network and the computer. • Yellow — A good connection exists between a 1-Gbps (or 1000-Mbps) network and the computer. • Off — The computer is not detecting a physical connection to the network.
3	network adapter connector	<p>To attach your computer to a network or broadband device, connect one end of a network cable to either a network jack or your network or broadband device. Connect the other end of the network cable to the network adapter connector on the back panel of your computer. A click indicates that the network cable has been securely attached.</p> <p>NOTE: Do not plug a telephone cable into the network connector.</p> <p>On computers with a network connector card, use the connector on the card.</p> <p>It is recommended that you use Category 5 wiring and connectors for your network. If you must use Category 3 wiring, force the network speed to 10 Mbps to ensure reliable operation.</p>
4	network activity light	<p>Flashes a yellow light when the computer is transmitting or receiving network data. A high volume of network traffic may make this light appear to be in a steady "on" state.</p>

5	line-in connector	Use the blue line-in connector to attach a record/playback device such as a cassette player, CD player, or VCR. On computers with a sound card, use the connector on the card.
6	line-out connector	Use the green line-out connector to attach headphones and most speakers with integrated amplifiers. On computers with a sound card, use the connector on the card.
7	microphone connector	Use the pink microphone connector to attach a personal computer microphone for voice or musical input into a sound or telephony program. On computers with a sound card, the microphone connector is on the card.
8	USB 2.0 connectors (6)	Use the back USB connectors for devices that typically remain connected, such as printers and keyboards.
9	video connector	Plug the cable from your VGA-compatible monitor into the blue connector. NOTE: If you purchased an optional graphics card, this connector will be covered by a cap. Connect your monitor to the connector on the graphics card. Do not remove the cap. NOTE: If you are using a graphics card that supports dual monitors, use the y-cable that came with your computer.
10	serial connector	Connect a serial device, such as a handheld device, to the serial port. The default designations are COM1 for serial connector 1 and COM2 for serial connector 2. For more information, see " System Setup Options ."

Inside Your Computer



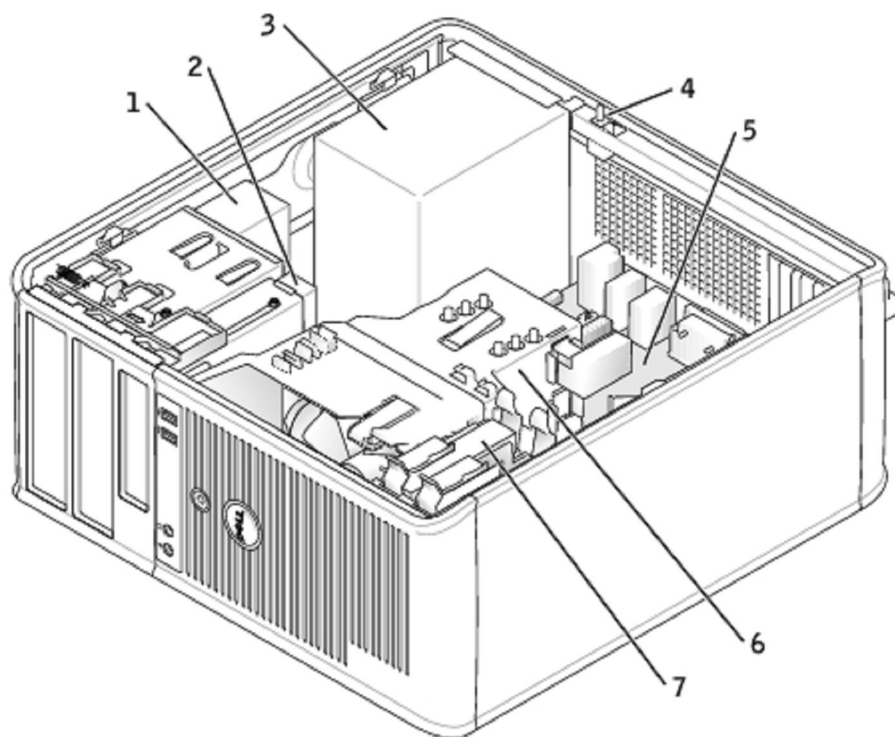
CAUTION: Before you begin any of the procedures in this section, follow the safety instructions located in the *Product Information Guide*.



CAUTION: To avoid electrical shock, always unplug your computer from the electrical outlet before removing the computer cover.

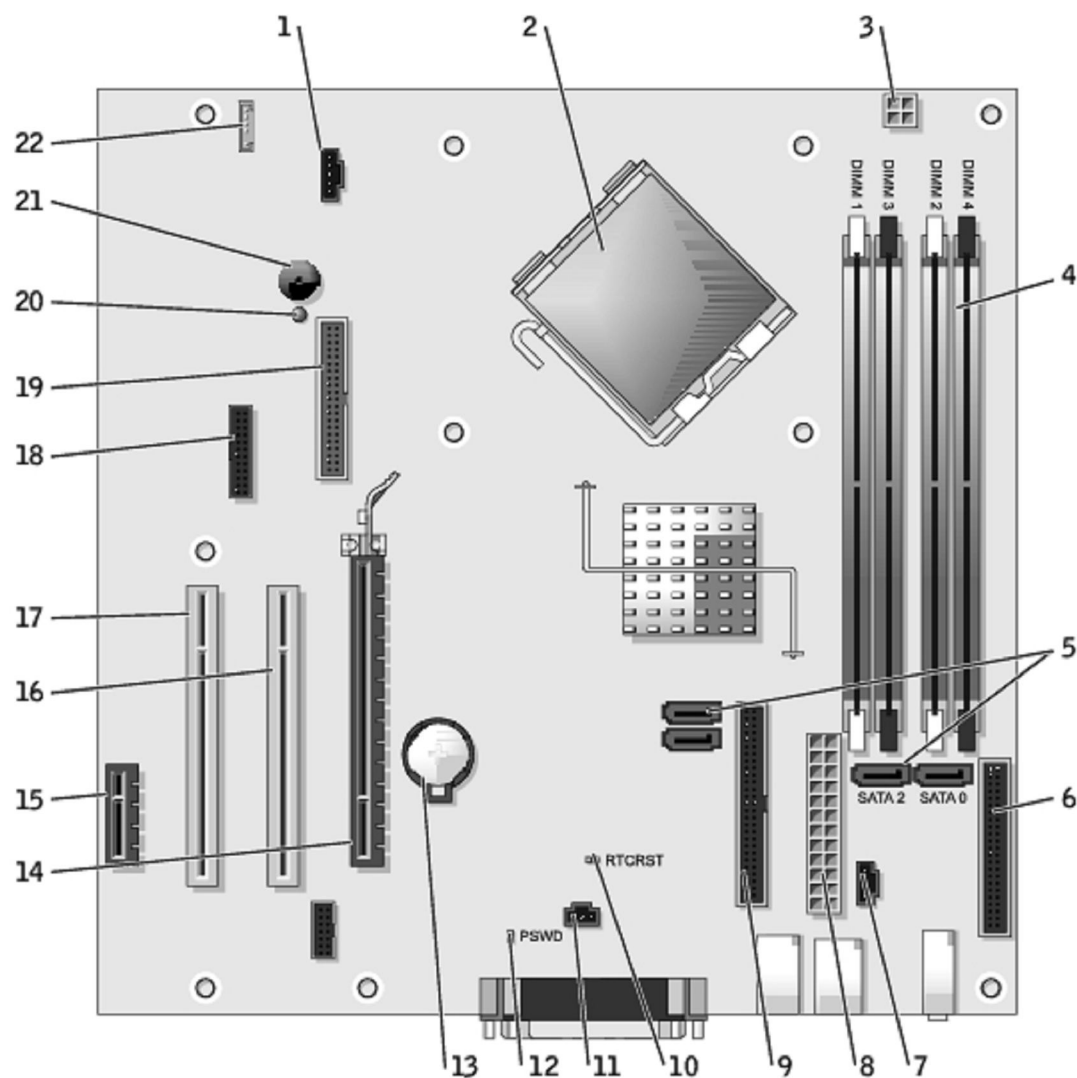


NOTICE: Be careful when opening the computer cover to ensure that you do not accidentally disconnect cables from the system board.



1	CD/DVD drive	5	system board
2	floppy drive	6	heat sink assembly
3	power supply	7	hard drive
4	chassis intrusion switch		

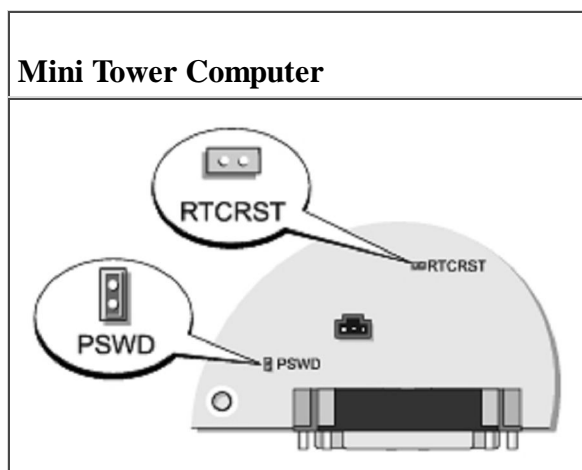
System Board Components









1	fan connector (FAN)	12	password jumper (PSWD)
2	processor connector (CPU)	13	battery socket (BATT)
3	power connector (12VPOWER)	14	PCI Express x16 connector (SLOT1)
4	memory module connectors (DIMM_1, DIMM_2, DIMM_3, DIMM_4)	15	PCI Express x1 connector (SLOT4)
5	serial ATA drive connectors (SATA0, SATA2, SATA1, SATA3)	16	PCI connector (SLOT2)
6	front-panel connector (FNT_PANEL)	17	PCI connector (SLOT3)
7	CD drive analog audio cable connector for optional analog audio cable (CD_IN)	18	serial connector (SER2)
8	power connector (POWER)	19	floppy drive connector (DSKT)
9	CD/DVD drive connector (IDE)	20	standby power indicator (AUX_PWR)
10	RTC reset jumper (RTCRST)	21	system board speaker (BEEP)
11	intrusion switch connector (INTRUDER)	22	internal speaker (INT_SPKR)

Jumper Settings

The jumper locations are shown below.



Jumper	Setting	Description
PSWD		Password features are enabled (default).
		Password features are disabled.
RTCRST		Real-time clock has not been reset (default).
		Resetting Real-time clock (jumped temporarily).
 <i>jumped</i>  <i>unjumpered</i>		

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